IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Original) A method of transmitting a packet, comprising the steps of:

measuring the length of a data packet stored in a device;

generating an additional packet having a length which is equal to the difference between the measured length and a predetermined packet length;

coupling said data packet and said additional packet to each other;

producing a second packet having a predetermined length;

transferring said second packet to a transmission buffer; and

transmitting said second packet.

2. (Original) A method according to claim 1,

wherein said additional packet comprises a nullpacket.

3. (Original) A method according to claim 1,

wherein said data packet comprises a packet according to MPEG standards and said second packet comprises a packet according to IEEE 1394 standards.

4. (Original) A method according to claim 1,

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wherein said predetermined length of said second packet is represented by 392

bytes.

5. (Original) An apparatus for transmitting a packet, comprising:

     means for measuring the length of a data packet stored in a device;

     means for generating an additional packet having a length which is equal to the

difference between the measured length and a predetermined packet length;

     means for coupling said data packet and said additional packet to each other;

     means for producing a second packet having a predetermined length;

     means for transferring said second packet to a transmission buffer; and

     means for transmitting said second packet.

6. (Original) An apparatus according to claim 5,

     wherein said additional packet comprises a nullpacket.

7. (Original) An apparatus according to claim 5,

     wherein said data packet comprises a packet according to MPEG standards and

said second packet comprises a packet according to IEEE 1394 standards.

8. (Original) An apparatus according to claim 5,

     wherein said predetermined length of said second packet is represented by 392

bytes.

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9. (Currently Amended) A program <u>adapted to be stored on a machine-readable medium</u> for

transmitting a packet, <u>the program</u> comprising ~~the steps of~~:

      <u>code for</u> measuring the length of a data packet stored in a device;

      <u>code for</u> generating an additional packet having a length which is equal to the

difference between the measured length and a predetermined packet length;

      <u>code for</u> coupling said data packet and said additional packet to each other;

      <u>code for</u> producing a second packet having a predetermined length;

      <u>code for</u> transferring said second packet to a transmission buffer; and

      <u>code for</u> transmitting said second packet.

10. (Currently Amended) ~~A~~ <u>The</u> program according to claim 8,

      wherein said additional packet comprises a nullpacket.

11. (Currently Amended) ~~A~~ <u>The</u> program according to claim 8,

      wherein said data packet comprises a packet according to MPEG standards and

said second packet comprises a packet according to IEEE 1394 standards.

12. (Currently Amended) ~~A~~ <u>The</u> program according to claim 8,

      wherein said predetermined length of said second packet is represented by 392

bytes.

13. (Original) A storage medium for storing a program for transmitting a packet, said program

comprising the steps of:

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measuring the length of a data packet stored in a device;

generating an additional packet having a length which is equal to the difference

between the measured length and a predetermined packet length;

coupling said data packet and said additional packet to each other; producing a

second packet having a predetermined length;

transferring said second packet to a transmission buffer; and

transmitting said second packet.

14. (Currently Amended) A storage medium according to claim 12 13,

wherein said additional packet comprises a nullpacket.

15. (Currently Amended) A storage medium according to claim 12 13,

wherein said data packet comprises a packet according to MPEG standards and

said second packet comprises a packet according to IEEE 1394 standards.

16. (Currently Amended) A storage medium according to claim 12 13,

wherein said predetermined length of said second packet is represented by 392

bytes.

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